

**Clean Version of Claims**

31. (twice amended) A method for measuring the carcinogenicity of a composition comprising:

- i. culturing a cell line;
- ii. exposing said cell line to said composition; and
- iii. determining the presence or absence of mRNA which substantially hybridizes to at least one nucleic acid sequence selected from the group consisting of SEQ NOS: 280, 317, 384, 465, and 488 and complements thereof.

32. (twice amended) A method for measuring the carcinogenicity of a composition comprising:

- a. exposing a cell, tissue sample, or test mammal to said composition; and
- b. determining the presence or absence in said cell, tissue sample, or test mammal of mRNA which substantially hybridizes to an at least one nucleic acid sequence selected from the group consisting of SEQ NOS: 280, 317, 384, 465, and 488 and complements thereof.